

感染症関連タンパク質

感染症種類	感染症名	英語名	PDB ID	Relevant Protein
1類感染症	エボラ出血熱	Ebola hemorrhagic fever	1EBO	MEMBRANE FUSION SUBUNIT
			1H2C	MATRIX PROTEIN VP40/RNA Complex
			2EBO	EBOLA VIRUS ENVELOPE GLYCOPROTEIN
	クリミア・コンゴ出血熱	Crimean- Congo hemorrhagic fever (CCHF)		
	重症急性呼吸器症候群 (病原体がSARSコロナウイルス であるものに限る)	SARS	1Q2W	nonstructural polyprotein pp1a (E.C.3.4.24.-)
			1QZ8	polyprotein 1ab
			1SSK	Nucleocapsid protein
			1UJ1	3C-like proteinase (E.C.3.4.24.-)
			1UW7	NSP9
			1WYY	E2 Glycoprotein
1XAK			SARS ORF7A ACCESSORY PROTEIN	
痘そう	Pox virus variolae	1E5G	COMPLEMENT CONTROL PROTEIN	
ペスト	plague(pest)	1R6F	Virulence-associated V antigen	
マールブルグ病	Marburg disease			
ラッサ熱	Lassa fever			
2類感染症	急性灰白髄炎(ポリオ)	polio myelitis	1RAJ	Genome polyprotein, RNA-directed RNA polymerase (E.C.2.7.7.48)
	コレラ	Vibrio cholera	1CHP	CHOLERA TOXIN B PENTAMER
			1CT1	CHOLERA TOXIN
			1G8Z	CHOLERA TOXIN B PROTEIN
			1LLR	CHOLERA TOXIN B SUBUNIT
			1P9R	General secretion pathway protein E
			1S5B	Cholera enterotoxin, A chain precursor (E.C.2.4.2.36), cholera toxin B protein (CTB)
			3CHB	CHOLERA TOXIN, UNKNOWN ATOM OR ION, 2-(N-MORPHOLINO)-ETHANESULFONIC ACID
	細菌性赤痢	Bacillary dysentery, Shigellosis		
	ジフテリア	diphtheria	1XDT	DIPHTHERIA TOXIN, HEPARIN-BINDING EPIDERMAL GROWTH FACTOR
腸チフス	Typhoid fever			
パラチフス	Salmonella serovar Paratyphi A			
3類感染症	腸管出血性大腸菌感染症	enterohemorrhagic Escherichia coli infection		
4類感染症	ウエストナイル熱 (ウエストナイル脳炎を含む)	West Nile virus	1S6N	envelope glycoprotein
			1SFK	Core protein
	エキノコックス症	echinococcosis, hydatid disease		
	黄熱	yellow fever	1NA4	major envelope protein E
	オウム病	psittacosis		
	回帰熱	relapsing fever		
	A型肝炎	hepatitis A	1HAV	HEPATITIS A VIRUS 3C PROTEINASE
	E型肝炎	hepatitis E		
	Q熱	Q fever		
	狂犬病	rabies	1VYI	RNA POLYMERASE ALPHA SUBUNIT (E.C.2.7.7.48)
	高病原性鳥インフルエンザ	avian influenza, bird influenza	1JSM	HAEMAGGLUTININ (HA1 CHAIN), HAEMAGGLUTININ (HA2 CHAIN)
	コクシジオイデス症	coccidioidomycosis		
	サル痘	monkey pox	1BAX	M-PMV MATRIX PROTEIN
			1CL4	GAG POLYPROTEIN

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腎症候性出血熱		hemorrhagic fever with renal syndrome(HFRS)	1Q7I	Hemorrhagic protein-rhodostomin(E.C.3.4.24.-)
			1KHW	RNA-DIRECTED RNA POLYMERASE (E.C.2.7.7.48)
			1QUA	ACYTOLYSIN-C
炭痘		Anthrax	1ACC	ANTHRAX PROTECTIVE ANTIGEN
			1JKY	Lethal Factor precursor/mitogen-activated protein kinase kinase 2 (E.C.2.7.1.-) complex
			1PWV	Lethal factor (E.C.3.4.24.-), LF20
			1XFU	Calmodulin-sensitive adenylate cyclase (E.C.4.6.1.1), Calmodulin 2
			1T6B	Protective Antigen/Anthrax toxin receptor 2
ツツガムシ病		tsutsugamushi disease、scrubtyphus		
デング熱		dengue fever	1BEF	DENGUE VIRUS NS3 SERINE PROTEASE
			1DF9	NONSTRUCTURAL PROTEIN 1/BOWMAN-BIRKTYPE TRYPSIN INHIBITOR
			1L9K	RNA-DIRECTED RNA POLYMERASE (E.C.2.7.7.48)
			1OAN	ENVELOPE GLYCOPROTEIN
			1R6A	Genome polyprotein (E.C.2.7.7.48)
			1TG8	envelope glycoprotein
			1UZG	MAJOR ENVELOPE PROTEIN E
ニパウイルス感染症		Nipah virus		
日本紅斑熱		Japanese spotted fever		
日本脳炎		Japanese encephalitis	1PJW	envelope protein
発しんチフス		louse-borne Typhus		
ハンタウイルス肺症候群		Hantaviruspulmonary syndrome(HPS)		
Bウイルス病		B virus disease		
ブルセラ病		brucellosis		
ボツリヌス症		Clostridium botulinum	1F3I	CLOSTRIDIUM BOTULINUM NEUROTOXIN B(E.C. 3.4.24.69) COMPLEXED WITH A TRISACCHARIDE
			1G24	EXOENZYME C3 (E.C.2.4.2.-)
			1GZE	MONO-ADP-RIBOSYLTRANSFERASE C3
			1R4B	Mono-ADP-ribosyltransferase C3
			1T3A	botulinum neurotoxin type E (E.C.3.4.24.69)
			1Z0H	Botulinum neurotoxin type B
			2BOV	RAS-RELATED PROTEIN RAL-A, MONO-ADP-RIBOSYLTRANSFERASE C3 (E.C.2.4.2.-)
			1A1O	B*5301, PEPTIDE LS6 (KPIVQYDNF)
マラリア		malaria	1CJB	HYPOXANTHINE-GUANINE PHOSPHORIBOSYLTRANSFERASE (E.C.2.4.2.8) + (1S)-1(9- DEAZAHYPOXANTHIN-9YL)1,4-DIDEOXY-1,4-IMINO-D-RIBITOL-5-PHOSPHATE
			1P44	Enoyl-[acyl-carrier-protein] reductase [NADH] (E.C.1.3.1.9)
			1PN9	Glutathione S-transferase 1-6 (E.C.2.5.1.18)
			2BMA	GLUTAMATE DEHYDROGENASE (NADP+) (E.C.1.4.1.4)
野兔病		Tularemia,Yato-Byo		
ライム病		Lyme disease(Lymeborreliosis)	1FJ1	HYBRIDOMA ANTIBODY LA2 (LIGHT CHAIN)/HYBRIDOMA ANTIBODY LA2 (HEAVY CHAIN)/OUTER SURFACE PROTEIN A
			1G5Z	OUTER SURFACE PROTEIN C
			1KZH	pyrophosphate--fructose 6-phosphate 1-phosphotransferase
			1L8W	VIse1

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5類感染症	リッサウイルス感染症	Lyssa virus		
	レジオネラ症	Legionellosis		
	レプトスピラ症	Leptospirosis (Weil's disease)		
	アメーバ赤痢	Amoebic dysentery		
	ウイルス性肝炎(A型肝炎及びE型肝炎を除く)	viral hepatitis		
	急性脳炎 (ウエストナイル脳炎及び日本脳炎を除く)	Encephalitis/ Encephalopathy caused by agents other than Japanese encephalitis virus	1EP5	CONSERVED CORE DOMAIN OF VENEZUALAN EQUINE ENCEPHALITIS CAPSID PROTEIN
			1SVB	TICK-BORNE ENCEPHALITIS VIRUS GLYCOPROTEIN
			1URZ	ENVELOPE PROTEIN
	クリプトスポリジウム症	Cryptosporidiosis		
	クロイツフェルト・ヤコブ病	Creutzfeldt-Jakob disease		
	劇症型溶血性レンサ球菌感染症	Severe invasive streptococcal infections		
	後天性免疫不全症候群	AIDS (Acquired Immunodeficiency Syndrome)		
	ジアルジア症	giardiasis		
	髄膜炎菌性髄膜炎	Meningococcal meningitis		
	先天性風疹症候群	Congenital rubella syndrome		
	梅毒	Syphilis		
	破傷風	Tetanus	1A8D	TETANUS NEUROTOXIN, GOLD ATOM
			1AQK	FAB B7-15A2
			1DIW	TETANUS TOXIN HC (E.C.3.4.24.68)
			1DLL	THE HC FRAGMENT OF TETANUS TOXIN COMPLEXED WITH LACTOSE (E.C.3.4.24.68)
1FV3			TETANUS TOXIN HEAVY CHAIN	
1YVG			Tetanus toxin, light chain (E.C.3.4.24.68)	
1YYN			Tetanus toxin (E.C.3.4.24.68)	
バンコマイシン耐性黄色ブドウ球菌感染症	Vancomycin resistant Staphylococcus aureus infection	1EHI	D-ALANINE:D-LACTATE LIGASE (E.C.6.3.2.4)	
バンコマイシン耐性腸球菌感染症	Vancomycin resistant Staphylococcus aureus infection	1EHI	D-ALANINE:D-LACTATE LIGASE (E.C.6.3.2.4)	